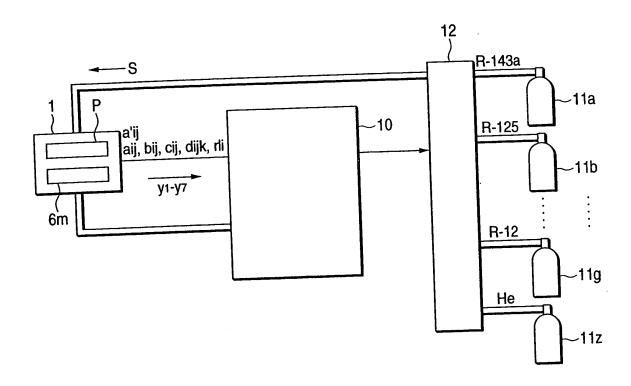
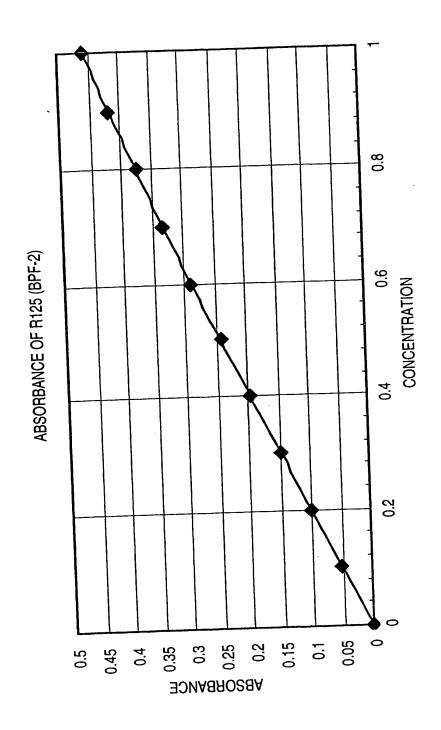
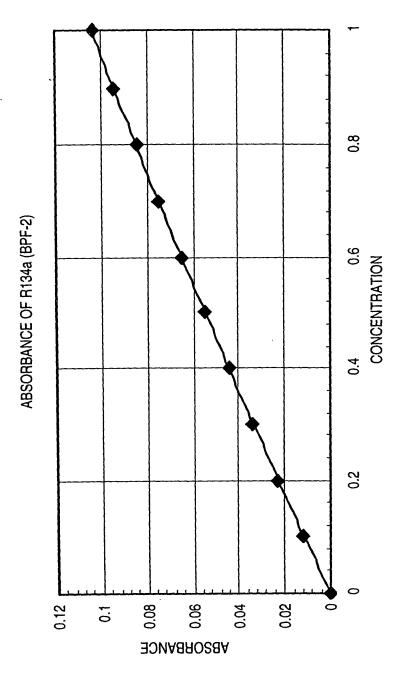


FIG. 2

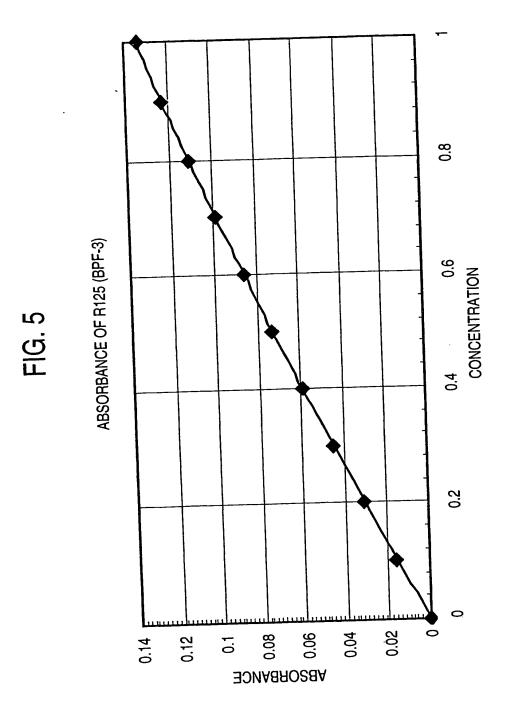


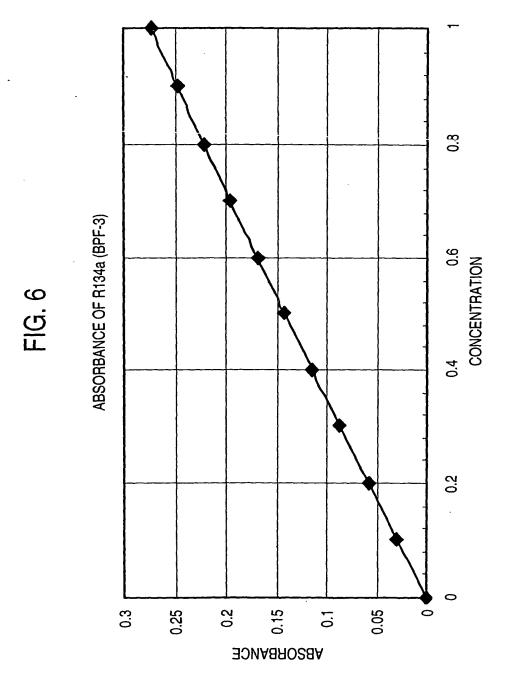






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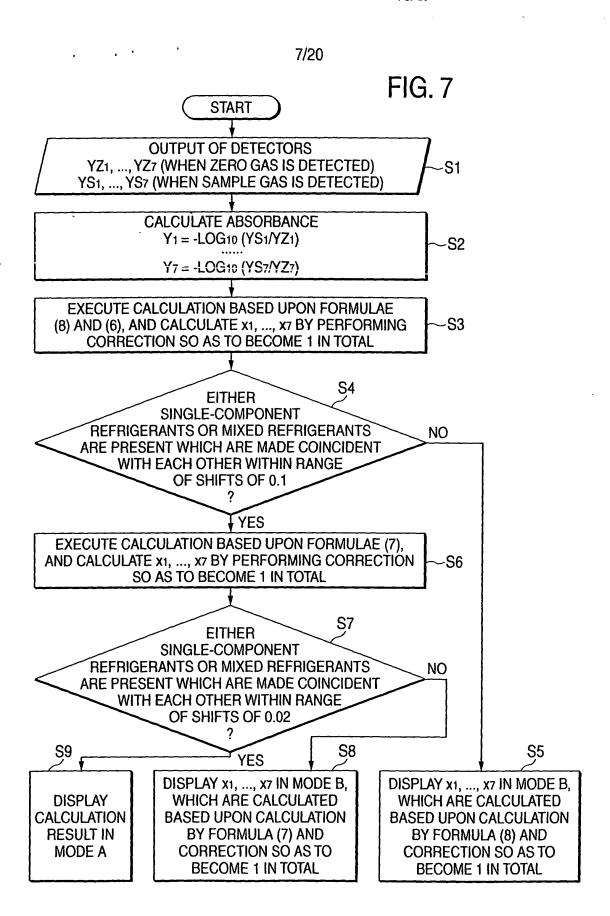


FIG. 8

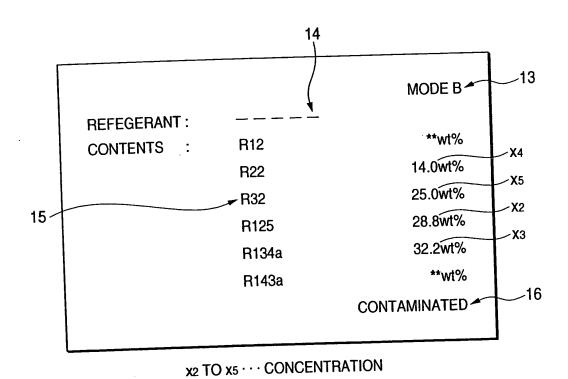


FIG. 9

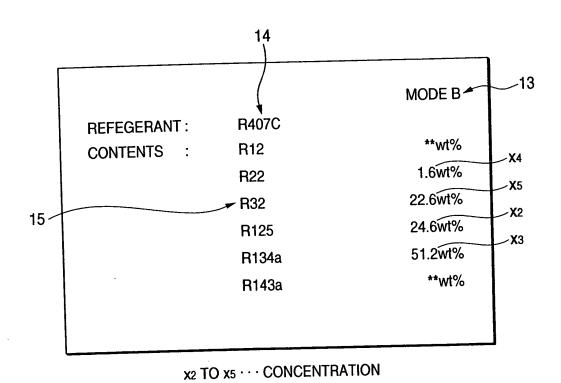
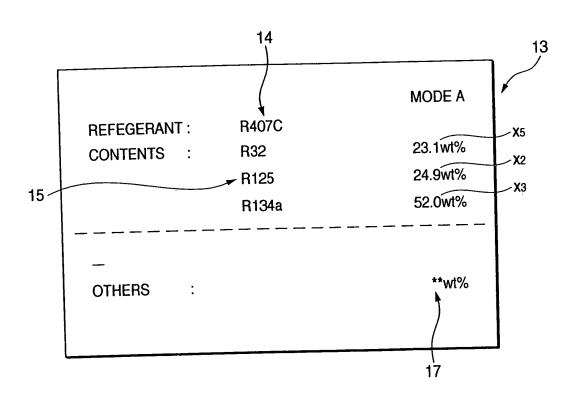
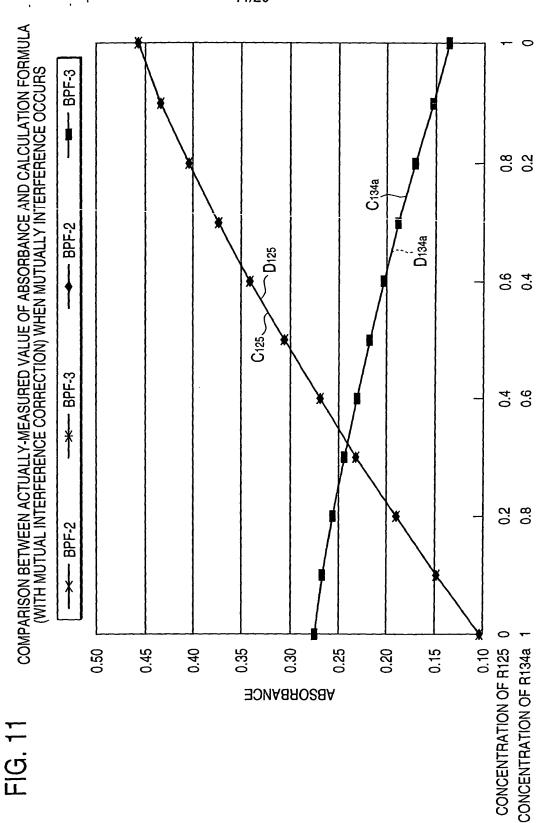


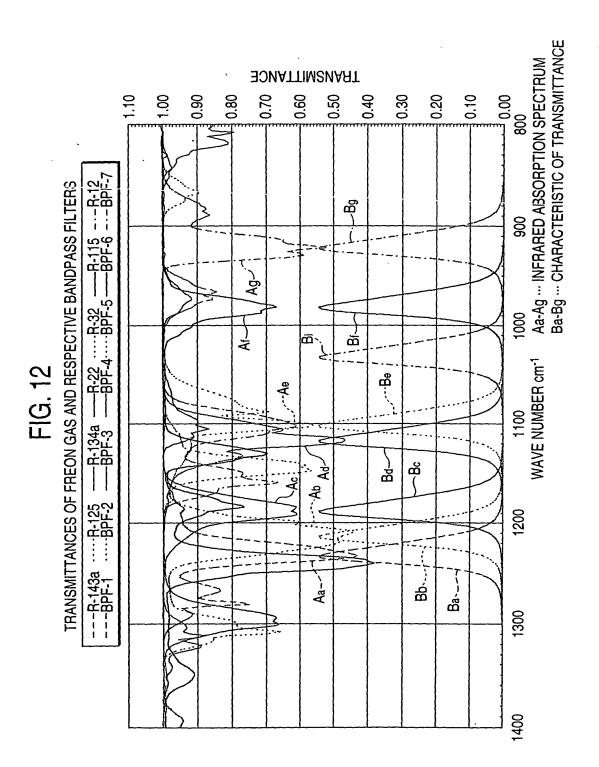
FIG. 10



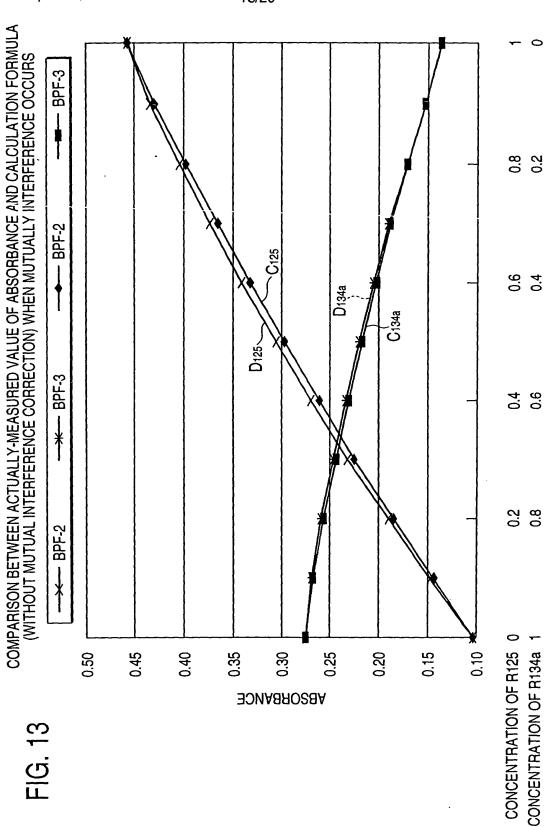




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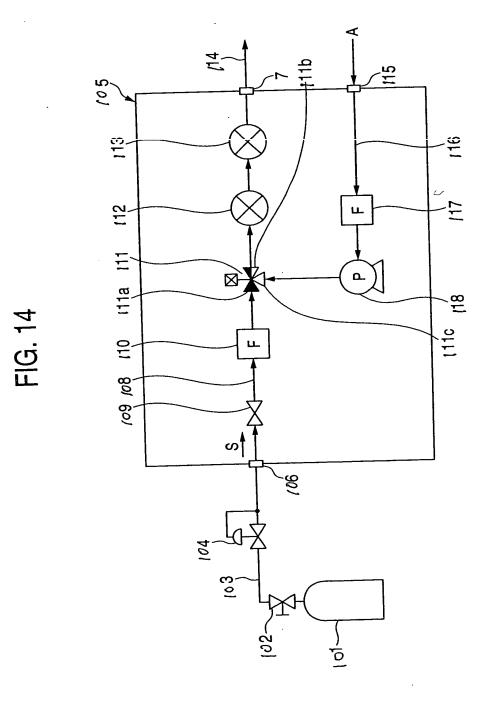


FIG. 15

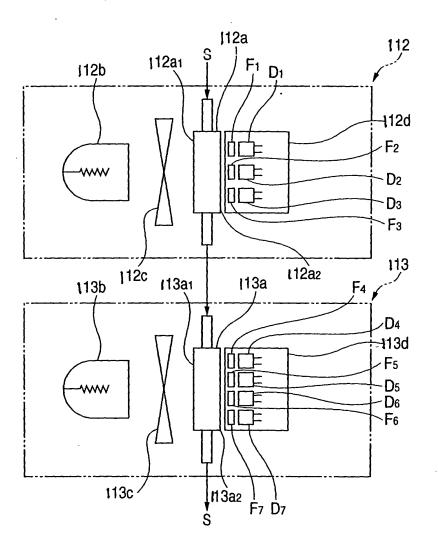


FIG. 16A

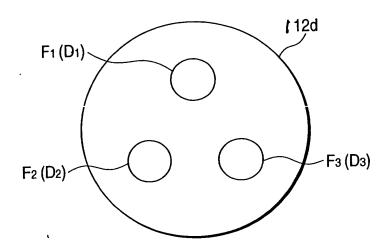


FIG. 16B

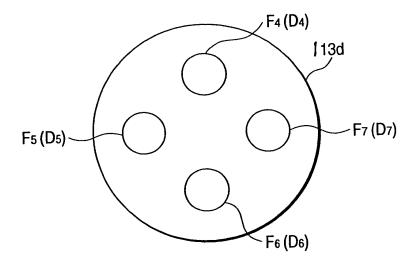


FIG. 17

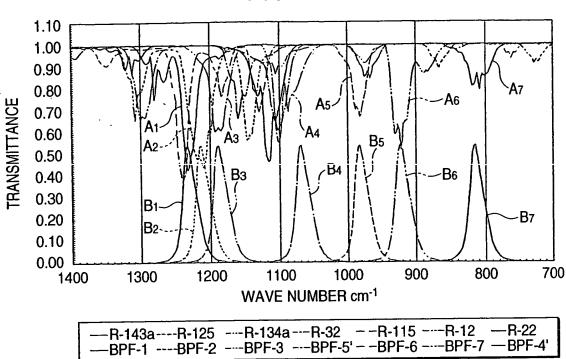
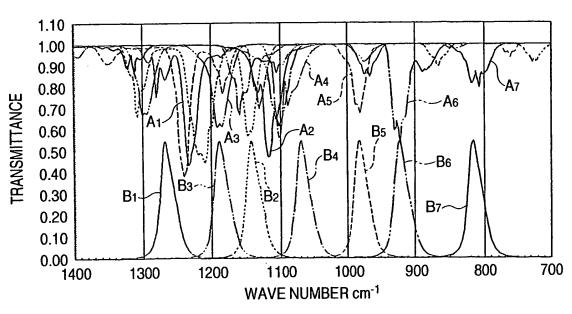
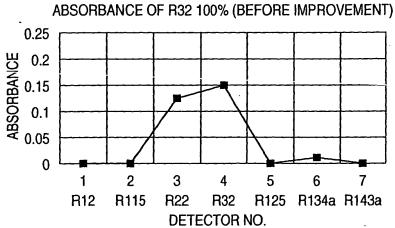


FIG. 18



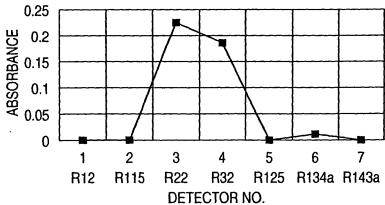
-R-143a ---- R-125 ---- R-134a --- R-32 ---- R-115 ---- R-12 -R-22 -BPF-1' ----BPF-2' ----BPF-3 ----BPF-5' ----BPF-6 ----BPF-7

FIG. 19A



ABSORBANCE OF R22 100% (BEFORE IMPROVEMENT)

FIG. 19B



ABSORBANCE OF R32 100% (AFTER IMPROVEMENT)

FIG. 19C

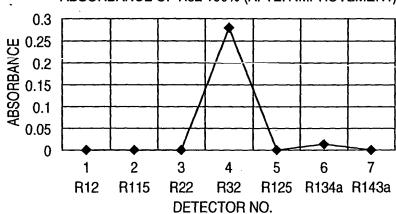


FIG. 19D

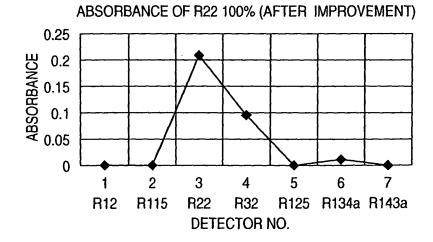


FIG. 20

